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June 23, 2005  
Response to Office Action of May 31, 2005  
File No. 10562-32US CMB/NR/kf

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of claims:**

Claims 1-2 (canceled)

Claim 3 (original): A method for providing power to a gas sensor comprising:

- a. obtaining electrical power from at least one of a thermocouple and a thermopile;
- b. converting said electrical power using a voltage regulator; and
- c. providing said converted electrical power to said gas sensor.

Claim 4 (original): The method of claim 3 wherein said electrical power converting comprises using a germanium transistor.

Claim 5 (original): A gas sensing device comprising:

- a. at least one of a thermocouple and a thermopile generating a voltage;
- b. a voltage regulator converting said voltage thereby producing a converted voltage; and
- c. a gas sensor powered by said converted voltage.

Claim 6 (original): The gas sensing device of claim 5 wherein said voltage regulator comprises an input and a germanium transistor connected to said input.

Claims 7-9 (canceled)